

Amendments to the Claims

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

Claims 1-9 (Cancelled).

Please add the following:

- 10. (New) A process for decomposing organic compounds present in waste water comprising
 - (i) obtaining waste water having content of TOC compounds greater than 2 ppm, and pH of 2 to 7.2 containing at least 0.1 wt.% of dissolved carbonic acid or carbonates and 2 to 20 wt.% common salt , and
 - (ii) treating the waste water with ozone at 10 to 130°C, at absolute pressure of 0.5 to 3 bar, and over a period of 1 minute to 10 hours to obtain water having TOC lower than 1 ppm.
- 11. (New) The process of Claim 10 wherein the waste water contains 0.3 to 1.5 percent by weight of carbonic acid or carbonates.
- 12. (New) The process of Claim 10 wherein the waste water contains 4 to 12 percent by weight of common salt.
- 13. (New) The process of Claim 10 wherein the TOC compounds include phenol.
- 14. (New) The process of Claim 10 wherein the treating of the waste water is at 60 to 90°C.

15. (New) A process for producing chlorine comprising
- (i) obtaining waste water having content of TOC compounds greater than 2 ppm, and pH of 2 to 7.2 ,containing at least 0.1 wt.% of dissolved carbonic acid or carbonates and 2 to 20 wt.% common salt ,
 - (ii) treating the waste water with ozone at 10 to 130°C, absolute pressure of 0.5 to 3 bar, over a period of 1 minute to 10 hours to obtain an aqueous salt solution having TOC less than 1 ppm , and
 - (iii) subjecting said salt solution to electrolysis.
16. (New) The process of Claim 15 wherein the content of TOC compounds of the waste water is more than 5 ppm.
17. (New) The process of Claim 15 wherein the content of TOC compounds of the waste water is more than 10 ppm.
18. (New) The process of Claim 15 wherein the waste water contains 4 to 12 percent by weight of common salt. --